

6. (Amended) The method for producing a biochip according to claim 4, claim 5, or claim 22, wherein the plate is made of a material which is selected from the group consisting of nylon membranes, glass, silicone wafer, polyimide resin and polymer plastic.

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cont'd

7. (Amended) The method for producing a biochip according to claim 4, claim 5, or claim 22, wherein the binding agent is selected from the group consisting of poly-1-lysine carbodiimide and silylation-coating.

8. (Amended) The method for producing a biochip according to claim 4, wherein the mixtures are spotted by using a spotting pin. --

Please add claims 21-23.

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-- 21. The method for producing a biochip according to claim 5 or claim 8, wherein the spotting pin comprises at least one recessed tip.

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22. A method for producing a biochip by spotting probes on a plate, the method comprising the steps of:

spotting a binding agent for binding the probes to the plate at positions where the probes are to be spotted with a tube; and

spotting the probes on the plate at positions where the binding agent is spotted.

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23. The method for producing a biochip according to claim 5, claim 8, or claim 22, wherein the plate is substantially planar. --

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